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Data Sheet

August 13, 2026

ASTRODYNE

Astrodyne SP15-1073 Switching Power Supply

The Astrodyne SP15-1073 is a switching power supply designed to efficiently convert AC power to DC power. It is ideal for various electronic applications. This power supply offers a stable and reliable power source, ensuring consistent performance for connected devices.



MODEL

Astrodyne SP15-1073

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

SP15-1073

LISTING

<https://aumictechlabs.com/products/sp15-1073-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Astrodyne SP15-1073 is an AC to DC switching power supply engineered for efficient conversion across a wide input voltage range. It delivers 12V DC output from standard global mains, making it suitable for industrial, medical, semiconductor, and automation applications requiring stable, regulated power. Part of the SP15 series, this unit is rated for indoor use and represents Astrodyne TDI's broad portfolio of power conversion solutions spanning 1W to 500kW. Technical Specifications Electrical Performance Input voltage: 100–240V AC Input frequency: 47–63 Hz Output voltage: 12V DC General Manufacturer: Astrodyne TDI Model: SP15-1073 Product type: Switching power supply Intended use: Indoor only Key Features Wide input voltage acceptance (100–240V AC) enables operation across North American, European, and international mains standards Fixed 12V DC output supports straightforward integration into systems with standard 12V rail requirements Efficient switching topology reduces thermal load and power dissipation Designed within the SP15 series ecosystem, allowing compatibility with related power

modules Typical Applications The SP15-1073 serves industrial automation, medical instrumentation, semiconductor test and process equipment, and military-grade systems where reliable 12V DC power is essential. Its wide input frequency range (47–63 Hz) accommodates both 50 Hz and 60 Hz utility supplies without reconfiguration. Compatibility & Integration The SP15-1073 operates as a standalone AC/DC converter. Astrodyne TDI manufactures complementary DC/DC converters and filtering solutions that may extend this supply's functionality in multi-voltage or noise-sensitive applications. The SP15 series shares common mechanical and electrical interfaces; cross-referencing related models such as the SP15-1222 is recommended for system-level design validation. ISO 9001:2015 certification reflects manufacturing quality standards applicable across Astrodyne TDI's product line.

SP151073 Characteristics / Specifications

PARAMETER	VALUE
Model	SP15-1073
Manufacturer	Astrodyne
Instrument Type	Switching AC-DC power supply
Topology	Switching
Input Voltage	100-240 VAC (published listings)
Input Frequency Class	47-63 Hz (family / universal adapters)
Output Voltage	12 VDC
Output Current Class	about 1.25 A (related 15 W / SPU15 12 V family)
Output Power Class	about 15 W
Use Environment	Indoor use only
Product Family	SP15-1073
Brand	Astrodyne
Form	Compact switching supply / adapter class
Isolation Class	High-isolation switching (family ~3000 V on related SPU15; confirm label)
Regulation Role	Regulated DC secondary supply
Replacement Rule	Exact catalog / label match required
Identification	Full model string SP15-1073 on unit
Related Series	SPU15 / SP15 low-wattage Astrodyne switching adapters Notes Public detailed electrical tables for SP15-1073 are sparse beyond Vin/Vout and indoor rating. Confirm exact current, connector, and isolation on the unit label before substitution. Do not invent finer ripple or efficiency figures.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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NI Part Cross-Reference: 780046-01	
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Identification: Full model string SP15-1073 on unit

Related Series: SPU15 / SP15 low-wattage Astrodyne switching adapters

Notes

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.